

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6285 (1971): Dimensions for interchangeability of milling cutters and milling arbors with key drive [PGD 32: Cutting tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

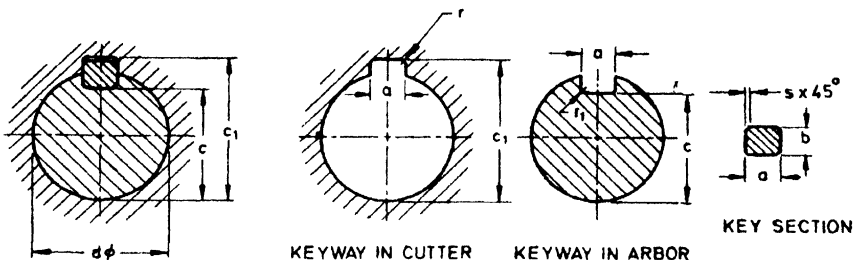
Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

DIMENSIONS FOR INTERCHANGEABILITY OF MILLING
CUTTERS AND MILLING ARBORS WITH KEY DRIVE**1. Scope** — Dimensions for interchangeability of milling cutters and milling arbors with key drive.**2. Dimensions**

All dimensions in millimetres.

d*	Key				Keyway								
	a	b†	s	Tol on s	a‡	c	Tol on c	c ₁	Tol on c ₁	r	Tol on r	r ₁	Tol on r ₁
h6/H7	h9												
8	2	2	0.16	+0.09 0	2	6.7	0 0.1	3.9	+0.2 0	0.4	0 -0.1	0.16	0 -0.08
10	3	3			3	8.2		11.5			0		0
13	3	3			3	11.2		14.6			0		0
16	4	4	0.25	+0.15 0	4	13.2	0 0.1	17.7	+0.2 0	0.6	0 -0.2	0.25	0 -0.09
19	5	5			5	15.6		21.1		1.0	0		
22	6	6			6	17.6		24.1		0	0		
27	7	7	0.40	+0.20 0	7	22.0	0 -0.2	29.8	+0.3 0	1.2	0 -0.3	0.40	0 -0.15
32	8	7			8	27.0		34.8			2.0		0
40	10	8			10	34.5		43.5			0		0
50	12	8	0.60	+0.20 0	12	44.5	0 -0.2	53.5	+0.3 0	1.6	0 -0.5	0.60	0 -0.20
60	14	9			14	54.0		64.2		2.0	0		
70	16	10			16	63.5		75.0		2.5	0		
80	18	11			18	73.0		85.5					
100	25	14	0.60		25	91.0		107.0		2.5		0.60	0 -0.20

*The tolerance on diameter d is not applicable to gear hobs.

†Tolerance on thickness b of key: Square — h9.
Rectangular — h11.‡Tolerance on keyway width a:
For keyway in arbor: Running fit — H9.
Light drive fit — N9.

For keyway in cutter: C11

This standard conforms fully to ISO/R 240-1969.

Adopted 22 October 1971

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